SPEC CFP95 Results

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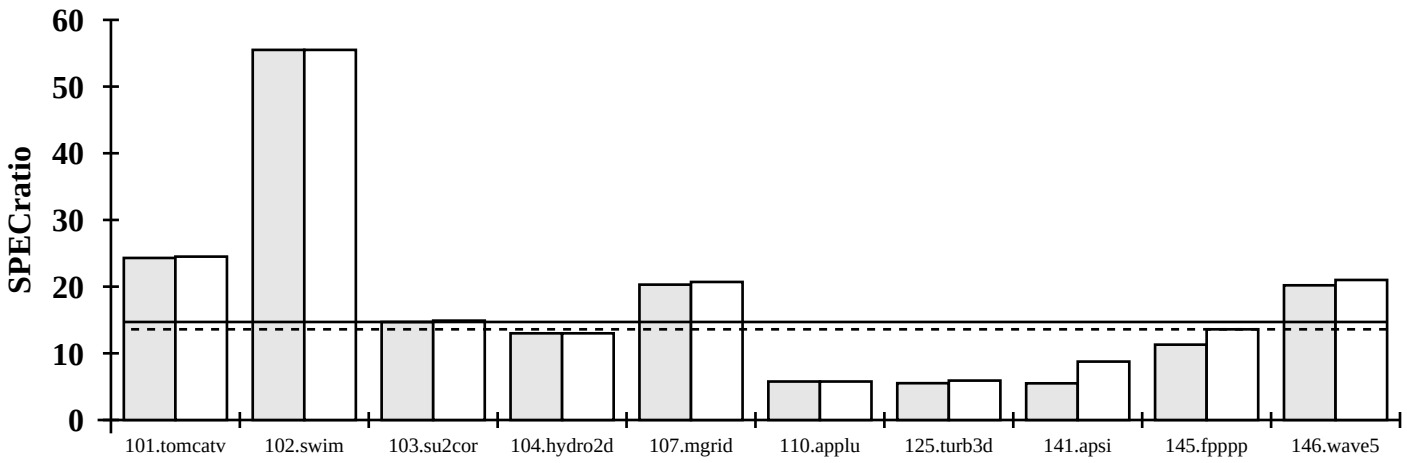
Hewlett-Packard
HP 9000 Model K420 4-CPU

SPECfp95 = 14.7

SPECfp_base95 = 13.6

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Oct-95	Hardware Avail: Feb-96	Software Avail: Aug-95



Hardware/Software Configuration for:
HP 9000 Model K420 4-CPU

Hardware

Model Name:	HP 9000 Model K420 4-CPU
CPU:	120 MHz PA-RISC 7200
FPU:	Integrated
Number of CPU(s):	4
Primary Cache:	1MBI+1MBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	512MB
Disk Subsystem:	1 Fast/Wide SCSI-2 1.0 GB
Other Hardware:	Ethernet

Software

Operating System:	HP-UX B.10.01
Compiler:	FORTRAN B3906AA B.10.00.01.00
File System:	HP-UX
System State:	Multi-user
Kernel Extensions:	Increased: maxdsiz, maxssiz

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	152	24.3	151	24.5
102.swim	8600	155	55.5	155	55.5
103.su2cor	1400	95.2	14.7	94	14.9
104.hydro2d	2400	185	13.0	185	13.0
107.mgrid	2500	123	20.3	120	20.7
110.applu	2200	381	5.77	381	5.77
125.turb3d	4100	743	5.52	693	5.91
141.apsi	2100	382	5.50	240	8.76
145.fpppp	9600	847	11.3	704	13.6
146.wave5	3000	149	20.2	143	21.0
SPECfp_base95 (G. Mean)			13.6		
		SPECfp95 (G. Mean)			14.7

Notes/Tuning Information

```
BASE:
All: +Oall +Onofastaccess +DAK400 +Oparallel

PEAK:
101 - 125: +Oall +Onofastaccess +DAK400 +Oparallel
141: +Oall +Onolimit +Oparallel +P
145: +O2 +DAK400 +P
146: +Oall +DAK400 +Oparallel +P
Loader Flag: All: -Wl,-a,archive

Note: The +P indicates the use of Profile Based Optimization
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-- Prepared By: --